

What is claimed is:

- 1 SUB A37
- 2 the steps of:
 - 3 receiving at a first proxy outside the firewall a connection request from a
 - 4 client;
 - 5 authenticating the client;
 - 6 establishing a connection between a second proxy inside the firewall and
 - 7 the client wherein the second proxy forwards requests from the client to the server inside
 - 8 the firewall.
 - 1 2. The method of claim 1 further comprising the step of receiving a
 - 2 requested resource at the second proxy from the server inside the firewall and using the
 - 3 established connection between the second proxy and the client to forward the requested
 - 4 resource to the client.
 - 1 3. The method of claim 2 wherein the resource is a document containing
 - 2 hyperlinks to other resources.
 - 1 4. The method of claim 3 wherein the second proxy translates the
 - 2 hyperlinks in the document into references directed to and interpreted by the second
 - 3 proxy.
 - 1 5. The method of claim 3 wherein the document is a Web page.
 - 1 6. The method of claim 1 wherein the connection uses a secure
 - 2 communication protocol.

- 1 7. The method of claim 5 wherein the secure communication protocol is
2 SSL.
- 1 8. The method of claim 1 wherein the client is a browser and the server is
2 a Web server.
- 1 9. The method of claim 1 wherein the client is authenticated using a
2 password mechanism.
- 1 10. The method of claim 9 wherein the client is authenticated using a one-
2 time password mechanism.
- 1 11. A method of providing a client access to a resource stored behind a
2 firewall comprising the steps of:
3 parsing the resource for hyperlinks to other resources behind the firewall;
4 rewriting said hyperlinks to point to a proxy enabled to access resources
5 behind the firewall; and
6 transmitting the resource with the rewritten hyperlinks to the client.
- 1 12. The method of claim 11 wherein the resource is a Web page.
- 1 13. The method of claim 11 wherein the rewritten hyperlinks also
2 comprise security information.

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